

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050044

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 848 964 A (MARKS A,US) 19 November 1974 (1974-11-19) column 6, line 45 – line 53; figure 6	1,2,29
A	GB 2 196 166 A (MARTIN LAWRENCE * BASS; PETER MICHAEL * RUTHERFORD) 20 April 1988 (1988-04-20) cited in the application the whole document	1-29
A	US 4 717 949 A (EICHENLAUB ET AL) 5 January 1988 (1988-01-05) cited in the application the whole document	1-29

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

21/03/2005

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Information on patent family members

International Application No
PCT/IB2005/050044

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3848964	A	19-11-1974	NONE		
GB 2196166	A	20-04-1988	AU 7923387 A		14-04-1988
			CN 87106723 A , B		13-04-1988
			DK 492987 A		31-03-1988
			EP 0262955 A2		06-04-1988
			FI 874264 A		31-03-1988
			JP 63090289 A		21-04-1988
			NO 874096 A		05-04-1988
			US 4959641 A		25-09-1990
US 4717949	A	05-01-1988	EP 0316465 A1		24-05-1989
			IN 171989 A1		06-03-1993
			US 4795217 A		03-01-1989
			US 4829365 A		09-05-1989
			US 5036385 A		30-07-1991
			DE 3787970 D1		02-12-1993
			DE 3787970 T2		17-02-1994